

CLAIMS

1. A receiver comprising:

a receiving unit operable to receive a plurality of program
information segments, each of said plurality of program information segments
being associated with a plurality of program type identifiers;

a program type information editing unit in communication with
said receiving unit and operable to designate at least one of said plurality of
program type identifiers invalid; and

an editing result storage unit in communication with said
receiving unit and operable to identify program type identifiers that have been
designated invalid by said program type information editing unit.

2. The receiver of Claim 1 wherein said receiving unit comprises:

an antenna;

a front end unit in communication with said antenna;

a signal demodulator in communication with said front end unit;

a program selector in communication with said signal
demodulator;

an audio decoder in communication with said program selector;

a digital to audio converter in communication with said audio
decoder;

an amplifier in communication with said digital to audio
converter; and

a speaker in communication with said amplifier.

3. The receiver of Claim 1 further comprising:

a display unit in communication with said receiving unit and
operable to display said at least one of said program type identifiers; and

an operating unit in communication with said receiving unit and
operable to select program type identifiers displayed by said display unit,

wherein said program type information editing unit designates
the program type identifier selected by said operating unit invalid.

4. The receiver of Claim 3 wherein said display unit displays text corresponding to at least one of said program type identifiers and identifies whether said at least one of said program type identifiers is invalid.

5 5. The receiver of Claim 1 further comprising a program search processing unit in communication with said receiving unit and operable to identify program information segments with one or more program type identifiers that correspond to one or more program type identifiers selected by a user.

10 6. The receiver of Claim 5 wherein said one or more program type identifiers comprises a first program type identifier and a second program type identifier, said first program type identifier provided by a program provider and said second program type identifier optionally added by a user.

15 7. A receiver comprising:
a receiving unit operable to receive a plurality of program information segments, each of said plurality of program information segments being associated with a plurality of program type identifiers;
a program type information editing unit in communication with said receiving unit and operable to designate at least one of said plurality of program type identifiers valid; and
20 an editing result storage unit in communication with said receiving unit and operable to identify program type identifiers that have been designated valid by said program type information editing unit.

25 8. The receiver of Claim 7 wherein said receiving unit comprises:
an antenna;
a front end unit in communication with said antenna;
a signal demodulator in communication with said front end unit;
a program selector in communication with said signal demodulator;
30 an audio decoder in communication with said program selector;

a digital to audio converter in communication with said audio decoder;

an amplifier in communication with said digital to audio converter; and

a speaker in communication with said amplifier.

9. The receiver of Claim 7 further comprising:

a display unit in communication with said receiving unit and operable to display said at least one of said program type identifiers; and

an operating unit in communication with said receiving unit and operable to select program type identifiers displayed by said display unit, wherein said program type information editing unit designates the program type identifier selected by said operating unit valid.

10. The receiver of Claim 9 wherein said display unit displays text corresponding to at least one of said program type identifiers and identifies whether said at least one of said program type identifiers is valid.

11. The receiver of Claim 10 further comprising a program search processing unit in communication with said receiving unit and operable to identify program information segments with one or more program type identifiers that correspond to one or more program type identifiers selected by a user.

12. The receiver of Claim 11 wherein said one or more program type identifiers comprises a first program type identifier and a second program type identifier, said first program type identifier provided by a program provider and said second program type identifier optionally added by a user.

13. A receiver comprising:
a receiving unit operable to receive a plurality of program information segments, each of said plurality of program information segments being associated with a plurality of program type identifiers;

a program type information editing unit in communication with said receiving unit and operable to associate a program type validity designation with one or more of said plurality of program type identifiers for said plurality of program information segments;

5 an editing result storage unit in communication with said program type information editing unit and operable to store data created by said program type editing information unit;

10 a display unit in communication with said program type information editing unit and operable to display information corresponding to one or more of said plurality of program type identifiers;

an operating unit in communication with said program type information editing unit and operable to allow a user of said receiver to select one or more of said program type identifiers the corresponding information of which is displayed by said display unit; and

15 a program search processing unit in communication with said program type editing unit and operable to select program information segments utilizing said program type validity designations.

14. A receiver according to Claim 13, wherein said receiving unit is a digital broadcast receiving unit.

20 15. A program search method, said program search method comprising the acts of:

receiving a plurality of program information segments, each of said program information segments being associated with a plurality of program type identifiers;

25 associating a program type validity designation with at least one of said program type identifiers; and

storing results of said act of associating a program type validity designation with at least one of said program type identifiers.

16. The program search method of Claim 15 wherein said program type validity designation comprises a data string corresponding to a valid identification.

17. The program search method of Claim 15 wherein said program type validity designation comprises a data string corresponding to an invalid identification.

18. The program search method of Claim 15 further comprising the acts of:

displaying information corresponding to at least one of said plurality of program type identifiers for said plurality of program information segments; and

selecting at least one of said plurality of program type identifiers.

19. The program search method of Claim 18 further comprising the act of distinguishing program identifiers according to a program type validity designations.

20. The program search method of Claim 15 further comprising the act of selecting a subset of program information segments utilizing said program type identifiers and said program type validity designations.

21. The program search method of Claim 15 wherein said plurality of program type identifiers comprise a plurality of first program type identifiers and a plurality of second program type identifiers, said plurality of first program type identifiers being provided by a program provider and said plurality of second program type identifiers being optionally provided by a user.

22. The program search method of Claim 15 further comprising the act of initially setting all program type validity designations to identify all program type identifiers to be valid.

23. The program search method of Claim 16 further comprising the act of initially setting all program type validity designations to identify all program type identifiers to be invalid.